IAP Cover Sheet Version Name: Period 3

Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Approved By

Federal OSC:

State OSC:

Local OSC:

Incident Commander:

Incident Name: 2nd 80's Fire

Stephen MASM 3/25/19

Tim Tream 3/25/19

PICHARO LAWHORN 03-25-19

Dano Wason 3/25/19

Incident Action Plan

Notes

Period 3 IAP

2nd 80's Tank Farm



IAP Cover Sheet

Prepared By Planning Section, Updated 03/24/2019 22:48 UTC -6: PP

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Weather Report Version Name: 20190324 2355 Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00] **Present Conditions** Weather Conditions as of 03/24/2019 23:53 deer park station id: PWS KTXDEERP19 Temperature: 68° Fahrenheit Feels Like: 68° Fahrenheit Wind Speed: 1 mph Dew Point: 67° Fahrenheit Wind Direction (from): SSW Pressure: 29.83 psi Visibility: mile(s) **UV Index:** Humidity (%): 95 **Sunrise:** 07:18 Sunset: 19:34 : Mostly Cloudy Night : Mostly Cloudy **Current Speed:** Wave Height: feet feet Wave Direction: SSW Current Direction (to): Water Temperature: ° Fahrenheit Swell Interval: day(s) feet Forecast Date Partly Cloudy with Isolated **Mostly Cloudy Showers** Sun 03/24/2019 Chance of Precipitation(%): 9% Chance of Precipitation(%): 15% Wind: 9 mph 66 F Wind: 8 mph **Mostly Cloudy with Scattered Partly Cloudy with Isolated Storms** Showers Mon 03/25/2019 Chance of Precipitation(%): 19% Chance of Precipitation(%): 27% Wind: 4 mph Wind: 5 mph 57 F **Mostly Sunny Mostly Clear** Tue 03/26/2019 Chance of Precipitation(%): 9% Chance of Precipitation(%): 0% Wind: 8 mph Wind: 6 mph 76 F 54 F **Tides UOM Tide Station Location** Tide Height **Time** Low 0.097 feet 07:02 Lynchburg Landing, San Jacinto River, Tx Us 15:24 1.43 feet Lynchburg Landing, San Jacinto River, Tx Us High Mon 03/25/2019 0.097 07:02 Lynchburg Landing, San Jacinto River, Tx Us Low feet 15:24 Lynchburg Landing, San Jacinto River, Tx Us High 1.43 feet Low 0.095 feet 07:51 Lynchburg Landing, San Jacinto River, Tx Us Tue 03/26/2019 1.467 feet 16:47 Lynchburg Landing, San Jacinto River, Tx Us High

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Weather Report

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Printed 03/25/2019 03:20 UTC -6:00

Weather Re	eport					Version Name: 20190324_2355
Incident Name	e: 2nd 80's	s Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]
Tue	Low	0.095	feet	07:51	Lynchb	ourg Landing, San Jacinto River, Tx Us
03/26/2019	High	1.467	feet	16:47	16:47 Lynchburg Landing, San Jacinto River, Tx Us	
	Low	0.134	feet	08:53	Lynchburg Landing, San Jacinto River, Tx Us	
Wed High 1.49 feet 17:57 Lynch		Lynchb	ourg Landing, San Jacinto River, Tx Us			
03/27/2019	Low	0.134	feet	08:53	08:53 Lynchburg Landing, San Jacinto River, Tx Us	
	High	1.49	feet	17:57	Lynchb	ourg Landing, San Jacinto River, Tx Us
	•	•	•	•		

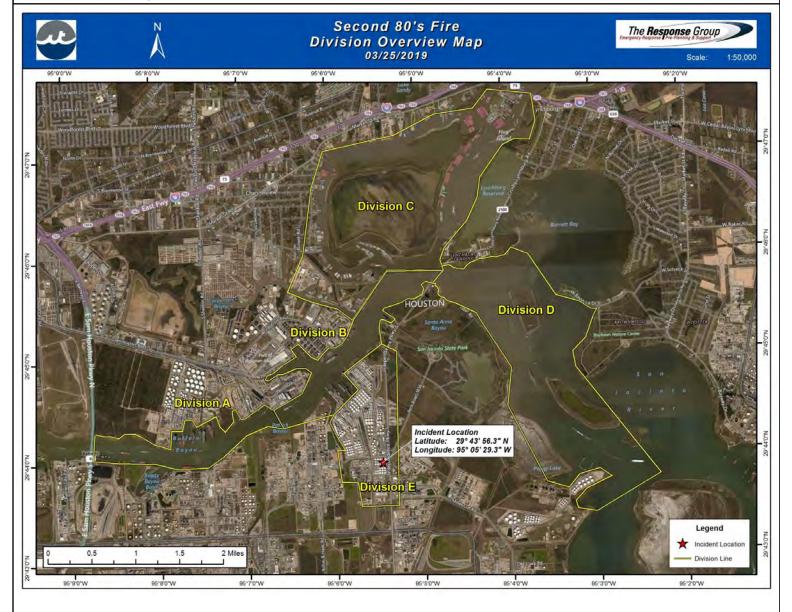
Weather Report		Prepared By Planning, Updated 03/24/2019 23:56 UTC -6:00 PP		
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Map/Sketch Version Name: 20190325 Division Map

Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Incident Map/Sketch

20190325 Division Map



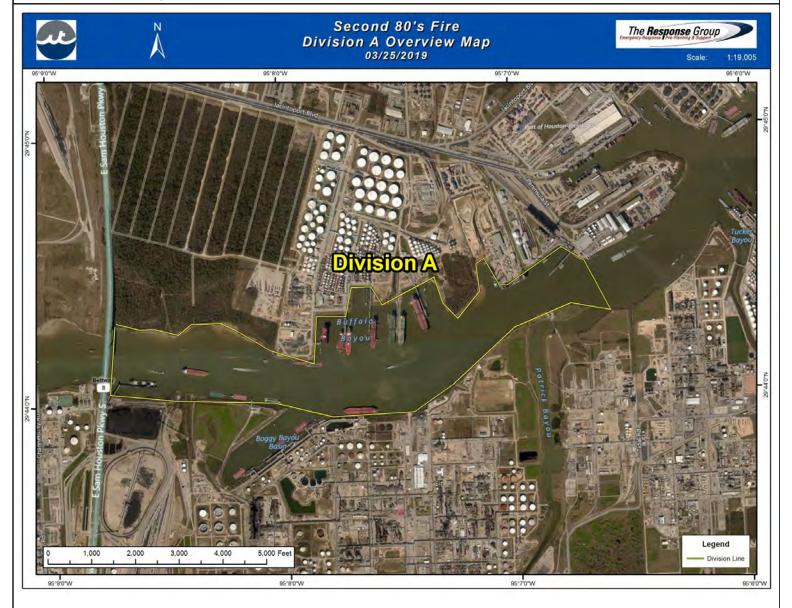
Map/Sketch		Prepared By Planning, Updated 03/25/2019 00:13 UTC -6:00 PP		
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Map/Sketch Version Name: 20190325 Division A Map

Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Incident Map/Sketch

20190325 Division A Map



Map/Sketch		Prepared By Planning, Updated 03/25/2019 00:01 UTC -6:00 PP		
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Map/Sketch Version Name: 20190325 Division B Map

Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Incident Map/Sketch

20190325 Division B Map



Map/Sketch		Prepared By Planning, Updated 03/25/2019 00:19 UTC -6:00 PP		
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Map/Sketch Version Name: 20190325 Division C Map

Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Incident Map/Sketch

20190325 Division C Map



Map/Sketch		Prepared By Planning, Updated 03/25/2019 00:02 UTC -6:00 PF		
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Map/Sketch Version Name: 20190325 Division D Map

Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Incident Map/Sketch

20190325 Division D Map



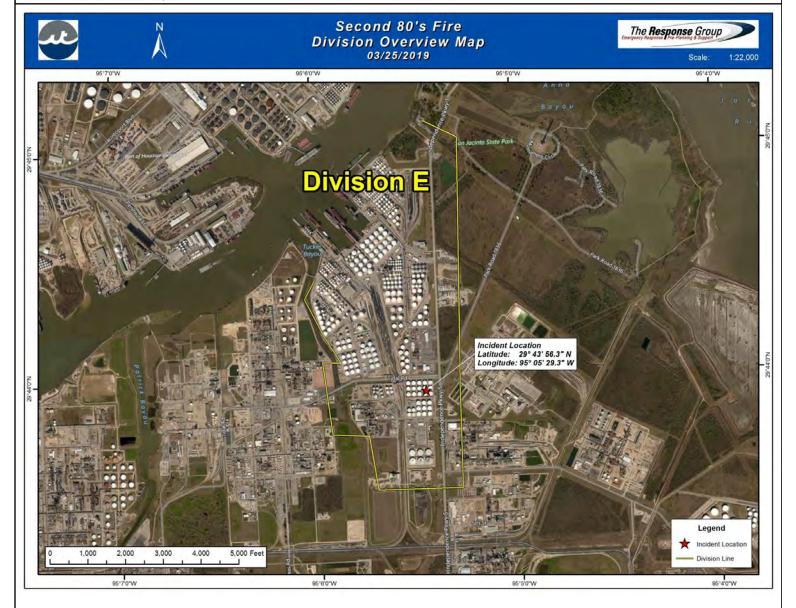
Map/Sketch		Prepared By Planning, Updated 03/25/2019 00:03 UTC -6:00 PP		
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Map/Sketch Version Name: 20190325 Division E Map

Incident Name: 2nd 80's Fire Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Incident Map/Sketch

20190325 Division E Map



Map/Sketch		Prepared By Planning, Updated 03/25/2019 00:12 UTC -6:00 PF		
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ICS 202 - Incident Objectives	Version Name: Period 3
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00
Obje	cctive(s)
Ensure the Safety of the Public and Response Personnel.	
Maximize the Protection of Public Health and Welfare.	
Maximize Protection of Environmentally and Socially Sensitive	Areas.
Maintain Fire Suppression Activities to Prevent Re-ignition and Stabilization.	Suppress Vapor. Continue Assessing Risk in Tank Area for Site
Continue Execution of Water and Product Removal Plan.	
Minimize Further Release of Product from the Facility.	
Contain and Recover Spilled Material.	
Prevent Further Impacts to Maritime Transportation.	
Ensure Port Recovery and Restoration.	
Keep the Public, Stakeholders and the Media Informed of Resp	onse and Recovery Activities.
Operational Period Command Emphasis (Safe	ty Message, Priorities, Key Decisions/Directions)
Safety is the number one priority. All responders have "Stop W supervisor immediately.	ork Authority." Report any unsafe acts or situation to your
ICS 202 - Incident Objectives	Prepared By Planning Section, Updated 03/24/2019 10:24 UTC -6: PR
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ICS 204 - Assignment List	Division: Division B
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift	
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift	
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift	
Division B Supervisor	Livingston, Gregory	USCG	860-857-4997	Day Shift	
Division B Supervisor	Osborne, Scott	ITC	903-391-4831	Day Shift	
Water Operations Branch Director	Baquet, Gerry	ITC	281-513-5469	Day Shift	
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift	

Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom (18")	3000	
Division B	Work Barge	Barge Boat	10	
Division B	Skimming Vessel	Marco Skimmer	6	
Division B	Skimmer	Foilex Skimmer	7	
Division B	Barge: Offshore	Skimming Barge	1	
Division B	Safety Personnel	Air Monitoring Personnel	27	
Division B	Fire Boat	Fire Boat	3	
Division B	Work Boat	Work Boat	9	
Division B	OSRV	OSRV	2	
Division B	Harbor Boom	Harbor Boom (67")	3000	
Division B	Boat Operator	Boat Operator	45	
Division B	Spill Tech	Spill Tech	90	

Assignments

Protection - Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

Texas Responder (OSRV) to Deploy/Maintain 67" containment boom at mouth of Tucker Bayou and ITC slips.

40-J Carpenters Bayou

40-K Battleship

40-I Entrance to Old River

Recovery - In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.

24/Hr recovery operations will be conducted.

Communications		
Name / Function	Contact Details	
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67	

ICS 204 - Assignment List			Updated 03/24/2019 18:34 UTC -6:00
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ICS 204 - Assignment List		Division: Division B
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]
	Commu	nications
Name / Function	Contact Details	
Operations/Safety/Incident Command Operations	/ Operations/Safety/	Incident Command 15
Sp	ecial Equipment / Supp	lies Needed for Assignment
Jtilize Viscous Sweep & Sorbent Boor	n as needed.	
	•	ental Considerations
Report any oiled wildlife, or wildlife in f APPROACH	oam to the Environmental	Unit Lead. Please take photo, and document location - DO NOT
Avoid vessel collisions with wildlife		
Avoid walking or grounding vessels in	marsh areas	
Dispose contaminated PPE, debris, an CONTAMINATED MATERIALS IN GE		proved contaminated waste containers. DO NOT DISPOSE OF
Notify Texas Parks and Wildlife (Willian 389-4736) if any ground disturbance a		or Michael Strutt, Director of Cultural Resources Program, at 512 ithin San Jacinto State Park.
	Special Site-Specific	Safety Considerations
	alking surface awareness	when appropriate. Maintain awareness of walking surfaces to sto prevent slips, trips and falls. Don PFD's when working within
Wear appropriate PPE, communicate a nurt.	any unsafe situations to s	upervisor. Utilize stop work authority if necessary. Nobody gets
area, report to supervisor and Mike Ga	udet (281-787-8256) or Morior reentry. If Benzene k	enzene is detected at levels higher than 0.5 ppm, evacuate the like Taylor (281) 667-1771 on Night Shift. If available don Fullevel reaches 25ppm or above, evacuate the area and notify Mike
All equipment and personnel must be	decontaminated prior to le	eaving the hot zone.
	·	
CS 204 - Assignment List		Updated 03/24/2019 18:34 UTC -6:00

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ICS 204 - Assignment List	Division: Division C		
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]		

Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Division C Supervisor	Kyser, Christopher	USCG	713-204-6978	Day Shift
Division C Supervisor	Anderson, Byron	ITC	832-466-6646	Day Shift
Water Operations Branch Director	Baquet, Gerry	ITC	281-513-5469	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift

·				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom (18")	3000	
Division C	Work Barge	Barge Boat	10	
Division C	Skimming Vessel	Marco Skimmer	4	
Division C	Barge: Offshore	Skimming Barge	1	
Division C	Safety Personnel	Air Monitoring Personnel	27	
Division C	Work Boat	Work Boat	15	
Division C	Boat Operator	Boat Operator	40	
Division C	Spill Tech	Spill Tech	80	

Assignments

Protection - Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

40-L Entrance to San Jacinto River

40-F San Jacinto River Marsh

40-G Burnet Bay Marsh

Recovery - In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.

Communications		
Name / Function	Contact Details	
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15	

Special Equipment / Supplies Needed for Assignment

Utilize Viscous Sweep & Sorbent Boom as needed.

ICS 204 - Assignment List		Updated 03/24/2019 18:34 UTC -6:0	
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ICS 204 - Assignment List	Division: Division C	
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]	
Special Environme	ntal Considerations	
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH		
APPROACH		

Avoid vessel collisions with wildlife

Avoid walking or grounding vessels in marsh areas

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

ICS 204 - Assignment List		Updated 03/24/2019 18:34 UTC -6:00		
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ICS 204 - Assignment List	Group: Mobile Decon Group		
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]		
Operations Personnel			

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift	
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift	
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift	
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift	
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift	
Mobile Decon Group Supervisor	Ruff, Zach	USCG	614-795-1689	Day Shift	

Area Of Operation	Resource Kind	Description	Quantity	Size
Mobile Decon Group	Boom	Boom	7200	
Mobile Decon Group	Manpower: Responder	Manpower: Responder	36	
Mobile Decon Group	Vessel	Barge Boat	8	
Mobile Decon Group	Hot Water Pressure Washer	Hot Water Pressure Washer	8	
Mobile Decon Group	Work Boat	Work Boat	4	
Mobile Decon Group	Sorbent: Boom	Sorbent: Boom	7500	

Assignments

Conduct decon of all contaminated vessels leaving the affected area in accordance with the approved Decontamination Plan.

All waste generated during equipment decontamination will be handled in accordance with Federal, State, and Local regulations.

Communications				
Name / Function	Contact Details			
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			

Special Environmental Considerations

Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH

Avoid vessel collisions with wildlife

Avoid walking or grounding vessels in marsh areas

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

ICS 204 - Assignment List			Updated 03/25/2019 03:07 UTC -6:00
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ICS 204 - Assignment List		Group: Mobile Decon Group					
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25	/2019 07:00 - 03/26/2019 07:00]					
Special Site-Specific	Safety Considerations						
Watch pinch points. Use proper lifting techniques and team lift w prevent slips trips and falls. Maintain walking surface awareness 3 ft of the waters edge, open water or onboard a vessel.							
Wear appropriate PPE, communicate any unsafe situations to suhurt.	pervisor. Utilize stop work autho	rity if necessary. Nobody gets					
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift.							
	If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.						
All equipment and personnel must be decontaminated prior to lea	aving the hot zone.						
ICS 204 - Assignment List		Updated 03/25/2019 03:07 UTC -6:00					
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Deputy Operations Section Chief Deputy Operations Section Chief Operations Section Chief Operations Section Chief You	lame urditt, J adena, uhn, Ka	Hector	Operation: Affiliation ITC ITC	S Perso		Contact Number 832-240-6440	(s)	3/26/20 ⁻ <i>Work Si</i> Day Shif	nift
Deputy Operations Section Chief Deputy Operations Section Chief Operations Section Chief Operations Section Chief Water Operations Branch Metalogous Metalogous Section Chief Metalogous Metalogous Section Chief Metalogous Metalogous Section Chief Metalogous Section Chief	urditt, J adena, uhn, Ka	Hector	Affiliation ITC	s Perso	onnel	832-240-6440	1-7		
Deputy Operations Section Chief Deputy Operations Section Chief Operations Section Chief Operations Section Chief Water Operations Branch Metalogous Metalogous Section Chief Metalogous Section C	urditt, J adena, uhn, Ka	Hector	ITC			832-240-6440	1-7		
Section Chief Deputy Operations Section Chief Operations Section Chief Operations Section Chief Water Operations Branch Metalogue M	adena, uhn, Ka	Hector						Day Shif	t
Section Chief Operations Section Chief Operations Section Chief Water Operations Branch Metalogous	uhn, Ka		ITC						
Operations Section Chief Ku Operations Section Chief Yo Water Operations Branch Me		ırl			281-884		80 Night Shi		ift
Water Operations Branch M	a. 14	ai i	ITC 713-:		713-208-5583		Day Shift		
•	oung, r	Cevin			281-786-9383	١	Night Sh	ift	
Birootor			ITC			281-838-7567		Day Shif	t
Water Operations Branch You	oung, k	Cevin	ITC			281-786-9383	١	Night Sh	ift
On-Water Air Monitoring Lo Supervisor	opez, C	hristopher	ITC			281-744-3490		Day Shif	t
On-Water Air Monitoring Supervisor De	ebrum,	Nicholas	USCG			774-766-8695		Day Shif	t
On-Water Air Monitoring Ta Supervisor	aylor, N	1ike	ITC			(281) 667-1771	١	Night Sh	
			Resource	s Requ	ıired				
Area Of Operation		Resource	Kind		Description	scription Q		antity	Size
On-Water Air Monitoring		Vessel			Vessel 4		4		
On-Water Air Monitoring		Manpower	: Responder		Manpower: Res	ponder	12		
			Assig	nments	s				
USCG Strike Team, EPA, CTI	EH, an	d OMI to c	onduct air monito	ring thr	oughout all divis	ions within the Ship	Char	nnel.	
			Commu	nicatio	ns				
Name / Function		C	ontact Details						
Marine - USCG OPS / Tactica	al	Ma	arine - USCG OP	S 81A					
Marine - Hailing and Emergen			arine - Hailing an		<u> </u>				
Marine - OMI-On-water OPS /			arine - OMI-On-w						
Operations/Safety/Incident Co Operations	omman	d / Or	perations/Safety/I	Incident	t Command 15				
		Sp	ecial Environme	ental Co	onsiderations				
Report any oiled wildlife, or wi APPROACH	vildlife ir	n foam to th	ne Environmental	l Unit Le	ead. Please take	photo, and docume	ent loc	cation - I	DO NO
Avoid vessel collisions with wi	vildlife								
Avoid walking or grounding ve	essels i	n marsh ar	reas						
Dispose contaminated PPE, d		and sorber		proved	contaminated wa	aste containers. DO	NOT	DISPO	SE OF

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ICS 204 - Assignment List			Group: On-Water Air Monitoring
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25	//2019 07:00 - 03/26/2019 07:00]
Spo	ecial Site-Specific	Safety Considerations	
Follow all traffic signs, posted speeds limits a walking surface awareness to prevent slips, t			
Wear appropriate PPE, communicate any un hurt.	safe situations to su	pervisor. Utilize stop work autho	rity if necessary. Nobody gets
Ensure all personnel are equipped with Benz area, report to supervisor and Mike Gaudet (available don appropriate PPE prior reentry.			
ICS 204 - Assignment List	/2010 02:20 LITC / 22	D 10 -6.44	Updated 03/24/2019 08:06 UTC -6:00
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ICS 204 - Assignn	nent List		Group: Tank Farm Recovery Gro		
Incident Name: 2nd 80	's Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:0		
		Operations F	Personnel		
Position	Name	Affiliation		Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC		832-240-6440	Day Shift

Position	Name	Affiliation	Contact Number(s)	Work Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Tank Farm Recovery Group Supervisor	Thomas, Harold	ITC	713-823-2543	Day Shift
Tank Farm Recovery Group Supervisor	Moses, Terry	ITC	281-389-9078	Night Shift
		December Descrives	<u>.</u>	•

Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Tank Farm Recovery Group	Pumps	SS MSP-300	3		
Tank Farm Recovery Group	Manpower: Responder	Manpower: Responder	8		
Tank Farm Recovery Group	Pumper truck	Pumper truck	1		
Tank Farm Recovery Group	Hose/Accessories	Hydraulic Hose (Baskets)	3		
Tank Farm Recovery Group	Hydraulic Power Unit	Hydraulic Power Unit	3		
Tank Farm Recovery Group	Miscellaneous	Lightering Tool Box	2		
Tank Farm Recovery Group	Equipment: Small	Tripods	2		

Assignments

Conduct evacuation of remaining product from 2nd 80's tank farm starting with 80-7 into 80-18 using pumps/hose. Personnel will maintain readiness and be staged at hose connections during initial start up.

Transfer pygas from AST 80-10, 80-14 and 80-15 to receiving tanks and piping as directed by ITC / Unified Command. Pumping will be completed using a pump with a manifold with stainless-steel discharge hoses and transfer to 80-18.

Potential to move contents of 80-13 to 100-28.

Communications				
Name / Function	Contact Details			
ITC Trunking System / Command	ITC Trunking System Site 1 & 2			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			
CIMA / Dispatch	CIMA 1			
East/South - CIMA / Tactical	East/South - CIMA 2			
North Div - CIMA / Tactical	North Div - CIMA 3			
West Div (Water Supply) - CIMA / Tactical	West Div (Water Supply) - CIMA 4			
Safety (IH) - CIMA / Tactical	Safety (IH) - CIMA 5			

Tactical Objectives

Ensure all spilled material stays on site and in containment

ICS 204 - Assignment List			Updated 03/25/2019 03:12 UTC -6:00
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ICS 204 - Assignment List	Group: Tank Farm Recovery Group
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Special Equipment / Supplies Needed for Assignment

6" Flange to 4: female cam lock

Bolts for reducers
Teflon Gaskets
SCBAs

Bunker Gear

PPE - respirators, organic vapor cartridges, rubber boots, chem gloves, cascade systems/supplied-air systems, etc. Radios

Special Environmental Considerations

Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Continuous air monitoring will be conducted to direct use of respiratory protection for workers. PPE will include fire-resistant coveralls, chemical protective boots, chemical resistant gloves, hearing protection, eye protection, splash guards (as required), outer protective suits (as required), and respiratory protection. Respirators with organic vapor cartridges and supplied-air systems will be provided. Grounding/bonding of transfer system will be completed. Transfer operations will cease during lightning events. All personnel on-site have stop-work authority. A JSA will be completed prior to commencing transfer operations.

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.

Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Additional Information

Pumping Crew Trevor Reed Mario Tovar Ricky Castillo Cory Lewis

Rick Francis

Additional personnel as required Robbie Dison: Safety Assistant On-Site

Tom Noble: Project Management / Supervision

Safety Director: Cody Wilson

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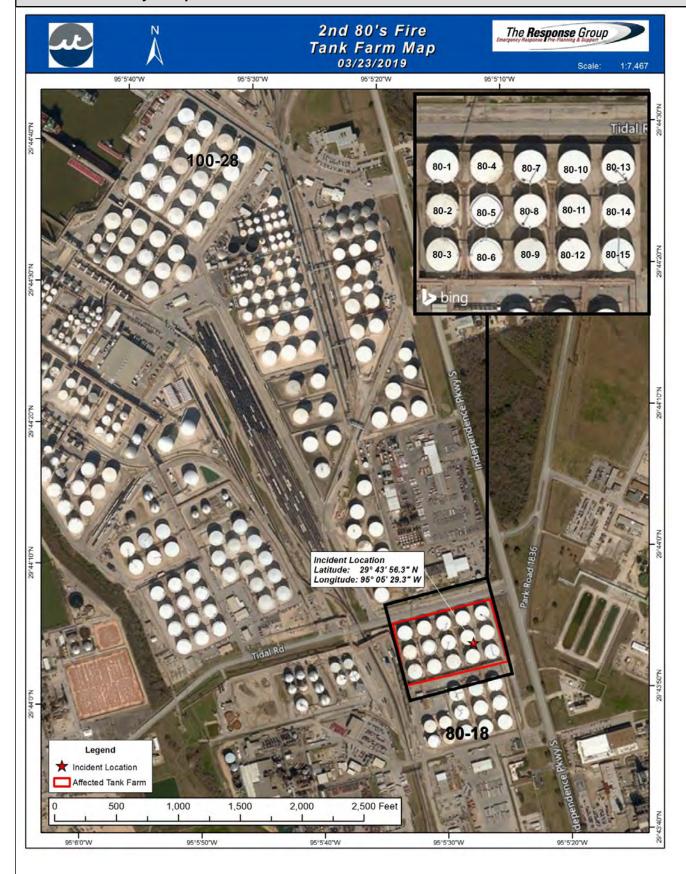
ICS 204 - Assignment List

Group: Tank Farm Recovery Group

Incident Name: 2nd 80's Fire

Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

Tank Farm Recovery Group



ICS 204 - Assignment List		Updated 03/25/2019 03:12 UTC -			
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Incident Name: 2nd 80's F	ire				Period: P	eriod 3 [03/25/2019 07	:00 - 0	3/26/20	19 07:
			Ор	erations Pe	rsonnel				
Position	Name		Affi	iliation		Contact Numbe	r(s)	Nork Si	hift
Deputy Operations Section Chief	Burditt, J	ohn	n ITC		832-240-6440		Day Shift		t
Deputy Operations Section Chief	Cadena,	Hector	ector ITC			281-884-0380	0 Night Shi		ift
Operations Section Chief	Kuhn, Ka	arl	ITC			713-208-5583	ו	Day Shif	t
Operations Section Chief	Young, k	Cevin	ITC			281-786-9383	1	Night Sh	ift
Tank Farm Operations Branch Director	Holley, C	Carl	ITC			281-380-1012	ı	Day Shif	t
Fire Suppression Group Supervisor	Williams							Day Shit	
Fire Suppression Group Supervisor	Guchiani							Night Sh	
Fire Water Containment TF Leader	Walker, I		ITC			281-515-0751		Day Shit	
Fire Water Containment TF Leader	Martin, G	Sene 	ITC			832-259-6587	1	Night Shift	
				esources Re	<u> </u>				1
Area Of Operation		Resour			Description		Qua	antity	Size
Fire Water Containment T			ver: Respor			Responder	4		
Fire Water Containment T			ver: Superv	: Supervisor Manpower: Su		Supervisor 1			
Fire Water Containment T	F	Pumps		Pumps			1		
Fire Water Containment T	F	Vacuum	Truck	uck Vacuum Truck		uck	1		
				Assignme	nts				
Ensure all firewater/mix us and manifold hose to pump				contained a	nd removed. U	tilize vacuum trucks, pu	umps,	suction	hose,
				^ · · · · · ·					
Name / Function		Name / Function Conta			tions				
ITC Trunking System / Cor			Contact D	Communica etails	tions				
Operations/Safety/Incident Command / Op									
			ITC Trunkii	etails ng System S		15			
Operations		d /	ITC Trunkii	etails ng System S	ite 1 & 2	15			
Operations CIMA / Dispatch	t Comman	d /	ITC Trunkii Operations	etails ng System S /Safety/Incid	ite 1 & 2	15			
Operations CIMA / Dispatch East/South - CIMA / Tactic	t Comman	d /	ITC Trunkii Operations CIMA 1	etails ng System S /Safety/Incid	ite 1 & 2	15			
Operations CIMA / Dispatch East/South - CIMA / Tactic North Div - CIMA / Tactica	t Comman cal	d /	ITC Trunkin Operations CIMA 1 East/South North Div -	etails ng System S /Safety/Incid	ite 1 & 2 ent Command	15			
Operations CIMA / Dispatch East/South - CIMA / Tactic North Div - CIMA / Tactica West Div (Water Supply) -	t Comman cal I CIMA / Ta	d /	ITC Trunkin Operations CIMA 1 East/South North Div -	etails ng System S /Safety/Incid - CIMA 2 CIMA 3 Water Supply	ite 1 & 2 ent Command	15			
Operations CIMA / Dispatch East/South - CIMA / Tactic North Div - CIMA / Tactica West Div (Water Supply) -	t Comman cal I CIMA / Ta	d /	Operations CIMA 1 East/South North Div - West Div (V	etails ng System S /Safety/Incid - CIMA 2 CIMA 3 Water Supply	ite 1 & 2 ent Command v) - CIMA 4	15			
Operations/Salety/Incident Operations CIMA / Dispatch East/South - CIMA / Tactica North Div - CIMA / Tactica West Div (Water Supply) - Safety (IH) - CIMA / Tactic Ensure all spilled material	t Comman cal I CIMA / Ta	d /	Operations CIMA 1 East/South North Div - West Div (V Safety (IH)	etails Ing System S I/Safety/Incid I - CIMA 2 CIMA 3 Water Supply - CIMA 5 Factical Obje	ite 1 & 2 ent Command v) - CIMA 4	15			
Operations CIMA / Dispatch East/South - CIMA / Tactic North Div - CIMA / Tactica West Div (Water Supply) - Safety (IH) - CIMA / Tactic	t Comman cal I CIMA / Ta	d /	Operations CIMA 1 East/South North Div - West Div (V Safety (IH)	etails Ing System S I/Safety/Incid I - CIMA 2 CIMA 3 Water Supply - CIMA 5 Factical Obje	ite 1 & 2 ent Command v) - CIMA 4	15			
Operations CIMA / Dispatch East/South - CIMA / Tactic North Div - CIMA / Tactica West Div (Water Supply) - Safety (IH) - CIMA / Tactic	cal I CIMA / Ta	d /	Operations CIMA 1 East/South North Div - West Div (V Safety (IH)	etails Ing System S I/Safety/Incid I - CIMA 2 CIMA 3 Water Supply - CIMA 5 Factical Obje	ite 1 & 2 ent Command v) - CIMA 4		02/05/0	019 00:56	

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ICS 204 - Assignment List		Task Fo	orce: Fire Water Containment TF
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25	/2019 07:00 - 03/26/2019 07:00]
	Special Environme	ntal Considerations	
Report any oiled wildlife, or wildlife in foam APPROACH	to the Environmental	Unit Lead. Please take photo, ar	nd document location - DO NOT
Dispose contaminated PPE, debris, and so CONTAMINATED MATERIALS IN GENER		roved contaminated waste conta	ainers. DO NOT DISPOSE OF
	Special Site-Specific	Safety Considerations	
Keep clear of heavy equipment in operation	n. Watch pinch points.	Utilize flagger/spotter if necessar	ary.
Wear appropriate PPE, communicate any hurt.	unsafe situations to su	pervisor. Utilize stop work autho	rity if necessary. Nobody gets
Ensure all personnel are equipped with Be area, report to supervisor and Mike Gaude available don appropriate PPE prior reentr	et (281)-787-8256 on D		
ICS 204 - Assignment List			Updated 03/25/2019 00:56 UTC -6:00
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ICS 204 - Assignment List	Task Force: Foam Application TF
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]

	Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift	
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift	
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift	
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift	
Fire Suppression Group Supervisor	Williams, Dwight			Day Shift	
Fire Suppression Group Supervisor	Guchiani, Corey			Night Shift	
Foam Application TF Leader	Ferraer, Chris	US Fire Pump	225-235-2980	Day Shift	
Foam Application TF Leader	Nawrocki, Ryan	US Fire Pump	(225) 931-0694	Night Shift	

Area Of Operation	Resource Kind	Description	Quantity	Size
Foam Application TF	Manpower: Responder	Manpower: Responder	2	
Foam Application TF	Manpower: Supervisor	Manpower: Supervisor	1	
Foam Application TF	Fire Fighting Foam	Foam Totes	1000	
Foam Application TF	Fire Fighting Equipment	Foam Pumper	2	

Assignments

Ensure continuous foam blanket is applied within the tank berm area to mitigate any re-ignition potential. Foam applied as needed for 20-30 minutes each hour using multiple stationary foam cannons. Firefighting team's specific focus is fire protection, fire suppression and vapor suppression.

Continue use of infrared imaging camera to read and/or detect any vapor yields. Continue aggressive metering and monitoring around tank farm area.

Foam Type(s): 1-3%

Communications			
Name / Function	Contact Details		
ITC Trunking System / Command	ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15		
CIMA / Dispatch	CIMA 1		
East/South - CIMA / Tactical	East/South - CIMA 2		
North Div - CIMA / Tactical	North Div - CIMA 3		
West Div (Water Supply) - CIMA / Tactical	West Div (Water Supply) - CIMA 4		
Safety (IH) - CIMA / Tactical	Safety (IH) - CIMA 5		

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ICS 204 - Assignment List		Т	ask Force: Foam Application TF
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25	/2019 07:00 - 03/26/2019 07:00]
Spec	cial Environme	ntal Considerations	
Report any oiled wildlife, or wildlife in foam to the APPROACH	Environmental	Unit Lead. Please take photo, ar	nd document location - DO NOT
Dispose contaminated PPE, debris, and sorbent CONTAMINATED MATERIALS IN GENERAL TF		roved contaminated waste conta	niners. DO NOT DISPOSE OF
Specia	Site-Specific S	Safety Considerations	
Keep clear of heavy equipment in operation. Wat and team lift when appropriate. Maintain awarene			
Wear appropriate PPE, communicate any unsafe hurt.	situations to su	pervisor. Utilize stop work autho	rity if necessary. Nobody gets
Ensure all personnel are equipped with Benzene area, report to supervisor and Mike Gaudet (281) available don appropriate PPE prior reentry.			
ICS 204 - Assignment List			Updated 03/25/2019 00:56 UTC -6:00
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ICS 204 - Assignmen	IL LISL				Group.	Air Monitor	ing Gio
Incident Name: 2nd 80's F	ire			Period: Pe	riod 3 [03/25/2019 07:0	0 - 03/26/20	019 07:0
			Operations	Personnel			
Position	Name		Affiliation		Contact Number(s) Work S	Shift
Deputy Operations Section Chief	Burditt,	John	ITC		832-240-6440	Day Sh	ift
Deputy Operations Section Chief	Cadena, Hector		ITC		281-884-0380	Night S	hift
Operations Section Chief	Kuhn, K	arl	ITC		713-208-5583	Day Sh	ift
Operations Section Chief	Young, I	Kevin	ITC		281-786-9383	Night S	hift
Monitoring Branch Director	Gaudet, Michael		ITC		(281) 787-8256	Day Sh	ift
Monitoring Branch Director	Taylor, Mike		ITC		(281) 667-1771	Night S	hift
Air Monitoring Group Supervisor	Langley, Justin		CTEH		281-627-2889	Day Sh	ift
Air Monitoring Group Supervisor	Allaby, E	Fric	CTEH		(501) 529-7164	Night S	hift
			Resources	Required			
Area Of Operation		Resource Ki	nd	Description		Quantity	Size
Air Monitoring Group		Equipment: S	afety	Air Monitorin	g Devices	93	
Air Monitoring Group		Vessel		Vessel		1	
Air Monitoring Group		Manpower: R	esponder	Manpower: R	esponder	159	
Air Monitoring Group		Aircraft: UAV		Aircraft		1	
Air Monitoring Group		Vehicle		Vehicle		108	

ICS 204 - Assignment List		Updated 03/25/2019 00:58 UTC -6:0		
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ICS 204 - Assignment List	Group: Air Monitoring Group		
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]		

Assignments

CTEH: Real time air monitoring (360 deg. 24hr) in operational areas as well as in community. (Benzene, VOCs) (33) Analytical stations samples go to lab for rush turnaround (same day or next day). See Air Monitoring Plan for details.

Air Monitoring Devices: 75

Personnel: 130 Vehicles: 100

EPA: (2) Roving monitoring teams conducting air monitoring. Real-time monitoring will occur via ASPECT aerial platform. TAGA bus to continue to conduct air monitoring in community areas.

Personnel: 5 Vehicles: 1 Aircraft: 1

MSRC: (2) CTEH personnel & (1) MSRC Tech will conduct continous monitoring on the deck of the Texas Responder.

Air Monitoring Devices: 1

Personnel: 2 Vehicles: Vessels: 1

Hazmat Group (Port of Houston, CST, Harris County Fire Marshall Office, TIFMAS): (4) (2) man teams will take readings at multiple sites around the Incident Location and will report results. If actions levels are reached, Harris County EOC will be notified. CST will coordinate work through Hazmat Group or Local On-Scene Coordinator.

Air Monitoring Devices: 9

Personnel: 14 Vehicles: 3

TCEQ will deploy 4 teams during day operations and 5 teams during night operations. The teams will be positioned downwind of the facility in community areas. In addition two air monitoring stations are strategically located in coordination with unified command.

Harris County Pollution Control: Will conduct roving monitoring along 225 and Tidal Rd to railroad tracks. Also will conduct monitoring at 225 and Miller Rd. to railroad tracks.

Air Monitoring Devices: 2

Personnel: 2 Vehicles: 1

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.

Email: Air2@iterm.com Phone: 832-493-8041

Communications				
Name / Function Contact Details				
Operations/Safety/Incident Command / Operations Operations				

Special Environmental Considerations

Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead. Please take photo, and document location - DO NOT APPROACH

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

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ICS 204 - Assignment List	CS 204 - Assignment List Group: Air Monitoring Group						
Incident Name: 2nd 80's Fire		Period: Period 3 [03/25	/2019 07:00 - 03/26/2019 07:00]				
Special Site-Specific Safety Considerations							
Follow all traffic signs, posted spewalking surface awareness to pre							
Wear appropriate PPE, communi hurt.	Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets nurt.						
Ensure all personnel are equippe area, report to supervisor and Mil available don appropriate PPE pr	ke Gaudet (281)-787-8256 on D	nzene is detected at levels highe ay Shift or Mike Taylor (281) 66	er than action level, evacuate the 7-1771 on Night Shift. If				
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ICS 204 - Assignment List	Group: Water Sampling Group		
Incident Name: 2nd 80's Fire	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]		

Operations Personnel							
Position	Name	Affiliation	Contact Number(s)	Work Shift			
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift			
Deputy Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift			
Operations Section Chief	Kuhn, Karl	ITC	713-208-5583	Day Shift			
Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift			
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift			
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift			
Water Sampling Group Supervisor	Kubitz, Jody	Cardno	815-355-3938	Day Shift			

Area Of Operation	Resource Kind	Description	Quantity	Size
Water Sampling Group	Miscellaneous	Water Sampling Kits	2	
Water Sampling Group	Vessel	Vessel	3	
Water Sampling Group	Manpower: Responder	Manpower: Responder	8	
Water Sampling Group	Vehicle	Vehicle	3	

Assignments

Conduct water sampling in various locations per the Water Sampling Plan. Samples will be taken from shoreline access points and vessels as needed. All sampling results will be communicated back to Incident Command.

EPA: (1) Surface water sampling group will conduct sampling upstream of the confluence of Tucker Bayou (daily) and the Ship Channel (outside of the containment), San Jacinto State Historical Park, and the vicinity of the Lynchburg Reservior. Additional areas will be sampled when needed.

TCEQ: (2) Surface quality groups will conduct water sampling east of Channelview, as far as the eastern border of Galveston Bay and as far south as Kemah, an additional shore sampling team will be conducting sampling in Gulf side of Galveston Island and Crystal Beach in Bolivar peninsula.

Cardno: (2) Teams will conduct water sampling by vessel and taking a full suite of samples from Buffalo Bayou east for several miles. Reference the Foam Product & Water Sampling Plan for additional details.

ITC: Water sampling will occur at outfall 3 regularly every two (2) hours. If outfall 3 is opened, take additional sample.

Communications				
Name / Function	Contact Details			
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			

ICS 204 - Assignment List		Updated 03/25/2019 03:15 UTC -6:		
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ICS 204 - Assignment List			Group: Water Sampling Group
ncident Name: 2nd 80's Fire		Period: Period 3 [03/25	5/2019 07:00 - 03/26/2019 07:00]
	Special Environn	nental Considerations	
Report any oiled wildlife, or wildlife APPROACH	e in foam to the Environment	al Unit Lead. Please take photo, ar	nd document location - DO NOT
Avoid vessel collisions with wildlife	Э		
Avoid walking or grounding vesse	ls in marsh areas		
Dispose contaminated PPE, debri CONTAMINATED MATERIALS IN		pproved contaminated waste conta	ainers. DO NOT DISPOSE OF
	Special Site-Specifi	c Safety Considerations	
Maintain walking surface awarene water or onboard a vessel.	ess to prevent slips, trips and	falls. Don PFD's when working wit	thin 3 ft of the waters edge, open
Wear appropriate PPE, communic nurt.	cate any unsafe situations to	supervisor. Utilize stop work autho	rity if necessary. Nobody gets
	te Gaudet (281)-787-8256 on	Benzene is detected at levels higher Day Shift or Mike Taylor (281) 66	
	•		
CS 204 - Assignment List			Updated 03/25/2019 03:15 UTC -6:00
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CS 2	05 - Radio	Communication	ns						Version Name: Radio Comms
nciden	t Name: 2nd	80's Fire					Pe	eriod: Period	3 [03/25/2019 07:00 - 03/26/2019 07:00]
Radio Channel Information									
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
81A	Tactical	Marine - USCG OPS		157.0250	None	Simplex		А	
21A	Tactical	Marine - RAT (Rapid Assessment Teams)		157.0500	None	Simplex		A	
16	All	Marine - Hailing and Emergency		156.8000	None	Simplex		А	
67	Tactical	Marine - OMI-On- water OPS		156.3750	None	Simplex		А	
Site 1 & 2	Command	ITC Trunking System	ITC ICP (Admin Building)	Encrypted				D	
15	Operations	Operations/Safety/I ncident Command							
1	Dispatch	CIMA							
2	Tactical	East/South - CIMA							
3	Tactical	North Div - CIMA							
4	Tactical	West Div (Water Supply) - CIMA							
5	Tactical	Safety (IH) - CIMA							
				Specia	al Radio Insti	ructions			
S 20	S 205 - Radio Communications Prepared By Logistics, Updated 03/23/2019 18:02 UTC -6:00 PP								

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ICS 205a - Commur	ications List			Version Name: Water Operations Branch					
Incident Name: 2nd 8	0's Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00					
		Local C	Communications In	nformation					
Name	Incident Assigned Position	Mohile Phone	Work Phone	Fmail		Notes			

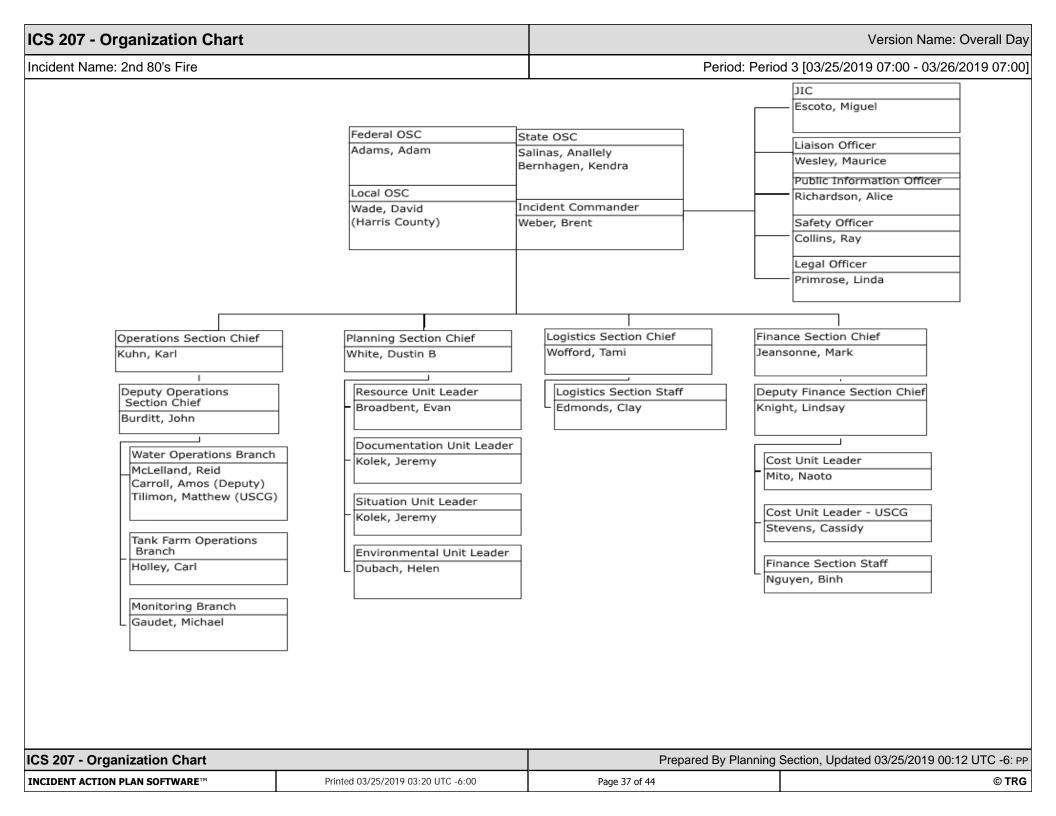
Local Communications Information											
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes						
Kuhn, Karl	Operations Section Chief	713-208-5583			ITC						
Burditt, John	Deputy Operations Section Chief	832-240-6440			ITC						
McLelland, Reid	Water Operations Branch	281-838-7567			ITC						
Tilimon, Matthew	Water Operations Branch	832-256-3261			USCG						
Carroll, Amos	Water Operations Branch	(832) 256-3265			USCG						
Livingston, Gregory	Recovery Group Supervisor	860-857-4997			USCG						
Kyser, Christopher	Protection Group	713-204-6978			USCG						
Debrum, Nicholas	Air Monitoring (Water)	774-766-8695			USCG						
Ruff, Zach	Mobile Decon Group	614-795-1689			USCG						
Pounds, Kenneth	Safety Officer	2513661450			USCG						
Gaudet, Michael	Monitoring Branch	(281) 787-8256			ITC						
Rodriguez, Antonio	NRC Contact	281-796-6881			NRC						
Segura, Tyler	OMI Contact	409-299-0472			ОМІ						
Sedlack, Tracy	MSRC Contact	713-471-2680			MSRC						

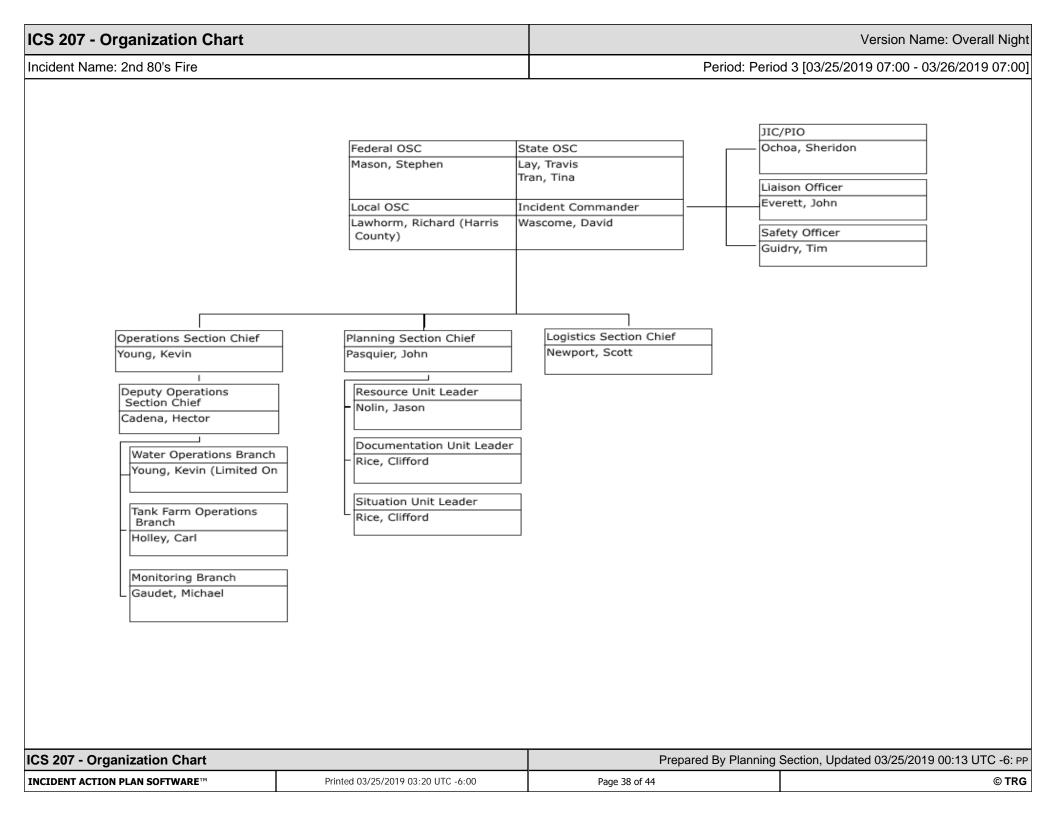
ICS 205a - Communications List		Prepared By Water Operations Branch, Updated 03/24/2019 11:30 PP					
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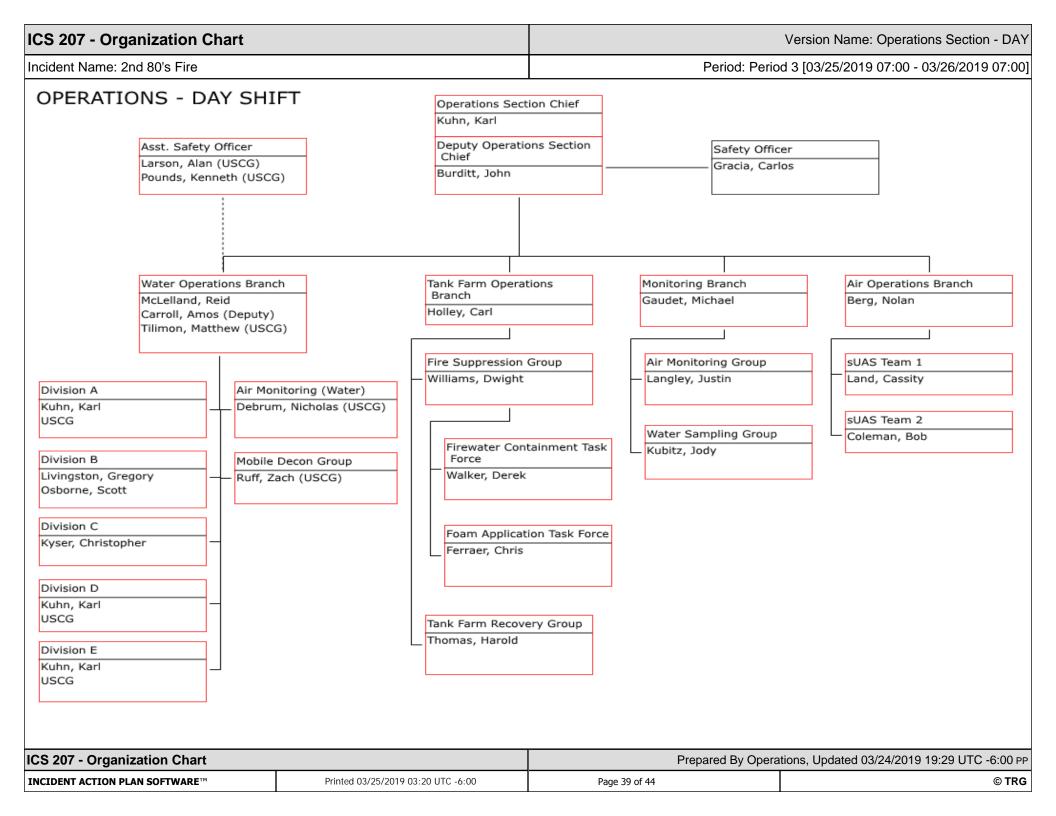
ICS 206 - Medical Plan	1				Version Name: On Water Operations									
Incident Name: 2nd 80's	s Fire				Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]									
			Medica	al Aid Stati	ions									
Name		Loca				Paramedic On Site	Pho	ne		Rá	adio			
Staging Area - OMI Rive	er		0154 29.78214			x				<u> </u>				
		Transpo	rtation (Ground	and/or Air	Ambulance :	Services)					Ī			
Ambulance Service		Loca			Phone			Radio			ALS			
Acadian Ambulance Dis						9) 833-3800				屵				
Acadian Ambulance Su	pervisor 4	70 -95.1	0154 29.78214	1:	Pn1: (832	2) 210-4279)				x			
				lospitals					Г					
Hospital	Location		Phone	Radio	Air Trave Time	Travel T	ime	Trauma Center	Helip	ad	Burn Center			
Houston Healthcare Southeast	4000 Sp Hwy Pasade 77504 -95.183 29.6612	na, TX 78	713-359-1440		15 min	15 mi	n	III	X					
UТМВ	3737 Re #150 Pasade 77503 -95.155 29.6858	na, TX 67	d 409-772-2002		15 min	15 mi	n	I	x		x			
Houston Healthcare Clear Lake	500 W. Center Webste 77598 Webste 77598 -95.127 29.5413	r, TX r, TX 73	281-338-3708		15 min	30 mi	30 min		x					
Houston Methodist Baytown	4401 Ga Baytow 77521 -94.979 29.7691	6	281-420-8851 281-420-8600		15 min	30 mi	n		x					
Surgery Specialty Hospital of America- Southeast Houston	4301 B Pasade 77504 -95.177 29.6591	na, TX 9	713-378-2068 713-378-3000		15 min	15 mi	n	II [
Advanced Diagnostic Hospital East	ostic 12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054		903-240-5893		15 min	15 mi	n							
ICS 206 - Medical Plan					Prepared	By Planning, I	Jpdate	ed 03/24/201	9 23:13	UTC	:-6:00 PP			
INCIDENT ACTION PLAN SOF	TWARE™	Printed 03/2	5/2019 03:20 UTC -6:00		Page 34 of 4	4					© TRG			

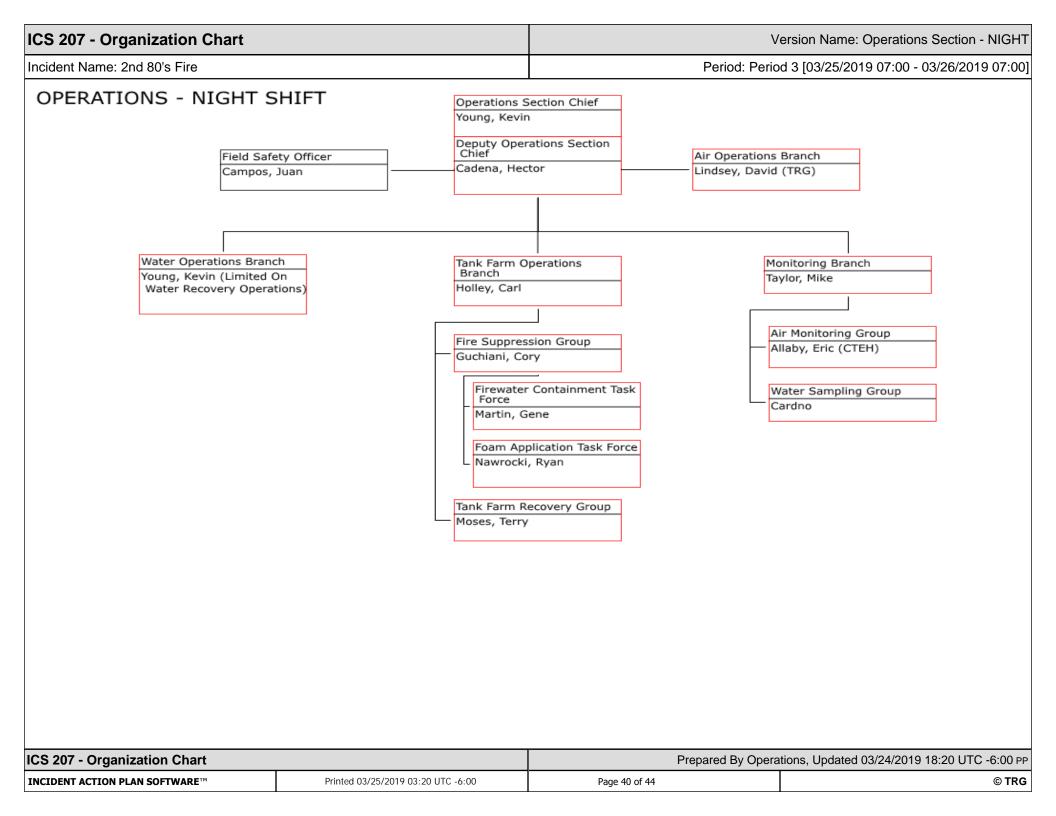
ICS 206 - Medical Plan		Vers	ion Name: On Water Ope	rations
ncident Name: 2nd 80's Fire		Period: Period 3 [03/25	/2019 07:00 - 03/26/2019	07:00]
	Special Medical Em	ergency Procedures		
Deliver First Aid if trained in acco	ordance with your training.			
1. Acadian Ambulance staged 01 16550 Market Street Channelvie		ance at Staging Area - OMI River	; Address - River Terrace	Park
2. Call Acadian Ambulance Dispa	atch at (409) 833-3800 to nofify	Ambulance of incoming medical	or trauma case	
Conduct immediate notifications Critical Threshold Reporting Crite		Officer via Chain of Command pe	r ICS 202b Unified Comm	and
njury or Deathv				
OSHA/Greater than 1st Aid th	rough Safety Officer			
SDS available and copies made	to send with ambulance.			
Deconitamination must take plac	e prior to transport.			
Helipad/air operations will take p	lace on Independence Road imr	nediately across from CIMA Inci	dent Command Post.	
CS 206 - Medical Plan		Prepared Ry Planning	Jpdated 03/24/2019 23:13 UTC	-6:00 pr
NCIDENT ACTION PLAN SOFTWARE™	Printed 03/25/2019 03:20 UTC -6:00	Page 35 of 44	5- uaioa 00,2-1,2010 20.10 010	© TRG

ICS 206 - Medical Plan			Version Name: Tank Farm Operations											
Incident Name: 2nd 80's	Fire			F	Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]									
			Medica	l Aid Station	s									
Name		Locati	on		Paramed On Site			Pho	ne		Ra	dio		
Safety Training Building		-95.09	605 29.73362									ITC Mandown Button		
	Tra	nspor	tation (Ground a	and/or Air Ar	nbulance	Ser	vices)							
Ambulance Service		Phone				Radio	, ,	4 <i>ir</i>	ALS					
Texas Medical Transport	- Deer Park	Deer F			Ph1: (28	81) 4	78-0800)						
	1		Н	ospitals	ı					Γ	1			
Hospital	Location		Phone	Radio	Air Trav Time		Groun Travel T		Trauma Center	Helip	ad	Burn Center		
CHI St. Luke's Patients Medical Center	4600 East Sam Houston Parkway South Pasadena, TX 77505 -95.16227 29.64113		713-378-8994 281-487-0700						II					
HCA-Bayshore Medical Center	· '		713-359-1060 713-359-1000						II					
Altus Baytown Hospital	1626 W Bal Baytown, T 77521 -94.98169 29.77128		281-382-1627 281-837-7600							x				
		S	pecial Medical I	Emergency F	Procedure	es								
Deliver First Aid if trained	l in accordan	ce with	your training.											
Address is 2621 ITC Tida	al Road Harri	s Coun	ty, Texas.											
Conduct immediate notifi Critical Threshold Report			ervisor and Safe	ty Officer via	Chain of (Com	mand pe	er ICS	S 202b Uni	fied Co	omn	nand		
Injury or Death														
OSHA/Greater than 1s	st Aid througl	n Safet	y Officer											
SDS available and copies	s made to se	nd with	ambulance.											
Deconitamination must ta	ake place prid	or to tra	insport.											
Helipad/air operations wil	ll take place	on Inde	pendence Road	immediately a	across fro	m C	IMA Inci	dent	Command	l Post.				
ICS 206 - Medical Plan	WADEIM 5:	tad 02/25	/2010 02:20 UTO / 22			-	Planning, I	Updat T	ed 03/24/201	9 23:18	UTC			
INCIDENT ACTION PLAN SOFTV	wake'™ Prir	nea 03/25	/2019 03:20 UTC -6:00	1	Page 36 of	44		I				© TRG		









ICS 2	208 -	Site Safety Pl	an				Version Name: Tank Farm Operations						
Incide	nt Nar	ne: 2nd 80's Fire						Period: F	Period	3 [03/2	25/2019 07:00 - 03/2	26/2019 07:00]	
Applie	s to S	ite: Division E											
						Site Chara	cteriza	ation					
Water	•		Lan	d				Weather		Mostl	y Cloudy		
Wave	Heigh	nt	Lan	d Use				Air Temp)	68 Fa	hrenheit		
Speed	d	0.48 knot (s)						Wind Speed 0 mph					
Direc	tion	NNW						Direction	1	SSE			
						Site Ha	azards						
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards		
	x	Boat Safety		x		Fire, Explo	osion, I	n-situ	x		Pump Hose		
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and F	alls	
	x	Cold Stress		x		Helicopter	Opera	ntions		x	Steam and Hot Wa	ater	
	x	Confined Space	S	x		Lifting				x	Trenching/Excava	tion	
	x	Drum Handling		x		Motor Veh	icles		x		UV Radiation		
x		Equipment Oper	rations	x		Noise			x		Visibility		
	X	Electrical Opera	tions	X		Overhead		Utilities		X	Weather		
X		Fatigue			X	Plants/Wil				X	Work Near Water		
	Air Monitoring Limits												
Oxygen Level Outside 19.5- Hydrogen Sulfide 23.5								10	ppm	Total H	lydrocarbons	50 ppm	
LEL			Greater tha	ın Bei	nzene			.5	ppm				
			10	70		Engineerin	a Con	trols					
П	Sourc	e of release secu	ıred	x	_	(s) closed	<u> </u>		x	Enerc	gy sources locked/ta	agged out	
x	Site s	ecured		x		ty shut dow							
				Pers	onal F	Protective	Equip	ment Requ	ired				
	Imper	vious suit		x	Flame	e resistant o	clothing	9	x	Eye p	rotection		
x	Inner	gloves		x	Hard	hats				Personal flotation			
x	Outer	gloves		x	Respi	irators		x	Boots	3			
				Add	itional	Control M	easure	es Establis	hed				
X	Deco	ntamination		x	-	nation			x	Additi	ional stations establ	ished	
X	Sanita	ation		x	Medic	cal surveilla			x	Facili	ties provided		
							Plan						
Щ	Boom				Exca					Hot w			
	Skim			X		y equipmen	ıt			Appro	opriate permits used	I	
X	Vac ti			x		ent pads							
X	Pump	oing		Ш	Patch		•						
x	Training Verified site workers trained per local/federal regulatory requirements Training HAZWOPER Requirements												
ICS 2	08 - Si	te Safety Plan					Prep	ared By Safe	ety Off	icer, Up	dated 03/24/2019 23:	48 UTC -6:00 PP	
INCIDE	CIDENT ACTION PLAN SOFTWARE™ Printed 03/25/2019 03:20 UTC -6:00							Page 41	of 44			© TRG	

ICS 2	208 - Site Safe	ty Plan		Version Name: Tank Farm Operations							
Incide	ent Name: 2nd 80's	s Fire		Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]							
			Orgai	nizatio	on						
Positi	on	Name	Telephone/Radio	Posi	tion		Name	Telephone/Radio			
Incide	Incident Commander Weber, Brent (225) 806-5136				rations Section	on	Kuhn, Karl				
Safety	y Officer	Collins, Ray	713-614-8550								
			Emerge	ency F	Plan						
X	Fire Prevention P	Plan 2	Evacuation Plar	า							
x	Alarm System		First Aid Location	n							
			Notifi	catior	ıs						
	Facility		Phone		Facility			Phone			
x	Hospital	Houston Healthcar Southeast	re 713-359-1440	x	Fire		Deer Park Fire Department	(281) 478-7281			
x	Ambulance	Texas Medical Transport-Deer Pa	281-478-0800 rk	x	Law Enforceme	nt	Harris County Sheriff	(713) 637-0014			
	Air Ambulance			X	Emergency Response/I	, Rescu	Deer Park Fire Department	(281) 478-7281			
			1	D.::- ('	е						
	luikial aafat , buiati		Initial	Briefil	ng						
X	Illitial Salety brief	ng prepared for each	Site								
ICS 2	08 - Site Safety P	lan		Pre	epared By Safe	ety Offic	cer, Updated 03/24/20	019 23:48 UTC -6:00 PP			

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ICS 2	208 -	Site Safety P	lan				Version Name: On Water Operations							
Incide	nt Nar	ne: 2nd 80's Fire					Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]							
Applie	s to S	ite: Divisions A,	B, C, D											
					,	Site Chara	cteriza	tion						
Water	•		Lan	d			Weather Mostly Cloudy							
Wave	Heigh	nt	Lan	d Use				Air Temp)	68 Fa	hrenheit			
Speed	t	0.48 knot						Wind Speed 0 mph						
Direct	tion	(s) NNW						Direction	1	SSE				
						Site Ha	azards							
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards			
x		Boat Safety		x		Fire, Explo	osion, I	n-situ	x		Pump Hose			
x		Chemical Hazar	ds		x	Heat Stres	SS		x		Slips, Trips, and	l Falls		
	x	Cold Stress		x		Helicopter	Opera	tions		x	Steam and Hot	Water		
	x	Confined Space	s	x		Lifting				x	Trenching/Excar	vation		
	x	Drum Handling		x		Motor Veh	icles		x		UV Radiation			
X		Equipment Ope	rations	x		Noise			x		Visibility			
	X	Electrical Opera	tions	X		Overhead		Utilities		X	Weather			
X		Fatigue			X	Plants/Wil				X	er			
	Air Monitoring Limits Oxygen Level Outside 19.5- Hydrogen Sulfide 10 ppm Total Hydrocarbons 50 ppm													
Oxygen Level Outside 19.5- F					drogen	Sulfide		10	ppm	Total H	lydrocarbons	50 ppm		
LEL			Greater tha		nzene			.5	ppm					
						Engineerin	g Con	trols						
x	Sourc	ce of release secu	ured	x Valve(s) closed					x	Energ	gy sources locked	l/tagged out		
x	Site s	ecured		x	Facility shut down									
				Pers	onal I	Protective	Equip	nent Requ	ired					
	Imper	vious suit		x	Flame	e resistant o	clothing	1	x	x Eye protection				
x	Inner	gloves		x	Hard	hats				Personal flotation				
x	Outer	gloves		x	Respi	irators			x	Boots	8			
				Add	_	Control M	easure	es Establis	hed					
x		ntamination		x		nation			x		ional stations esta	ablished		
x	Sanita	ation		x	Medic	cal surveilla			X	Facili	ties provided			
	_				T_		Plan			T				
X	Boom				Exca		.4			Hot w				
X	Skimr			x	-	y equipmen	it			Appro	opriate permits us	sed		
x Vac trucks x Sorben x Pumping Patchin									+					
X	rump	, in ig			raicii		nina		<u> </u>					
	Training Verified site workers trained per local/federal regulatory requirements Training HAZWOPER Requirements													
	regulatory requirements													
ICS 20	08 - Si	te Safety Plan					Prep	ared By Safe	ety Offi	icer, Up	dated 03/24/2019 2	23:44 UTC -6:00 PP		
INCIDE	IDENT ACTION PLAN SOFTWARE™ Printed 03/25/2019 03:20 UTC -6:00 Page 43 of 44 © TRG													

ICS :	208 - Site Safe	ty Plan			Version Name: On Water Operations								
Incide	ent Name: 2nd 80's	s Fire			Period: Period 3 [03/25/2019 07:00 - 03/26/2019 07:00]								
				Organ	izatio	on .							
Positi	ion	Name	7	Telephone/Radio	Posi			Name	Telephone/Radio				
Incide	ent Commander	Weber, Brent		225) 806-5136	Opei Chie	rations Section		Kuhn, Karl	713-208-5583				
Safet	y Officer	Sterkel, Gary	281-384-9519										
				Emerge	ncy F	Plan							
x	Fire Prevention F	·lan	x	Evacuation Plan	<u> </u>								
x	Alarm System		x	First Aid Locatio	n								
				Notific	cation	ıs							
	Facility			Phone		Facility			Phone				
	Hospital					Fire							
x	Ambulance	Acadian Ambu	ılance	409-833-3800	X	Law Enforceme	nt	Harris County Sheriff	(713) 637-0014				
	Air Ambulance					Emergency Response/I							
						e	Nescu						
				Initial	Briefi	ng							
x	Initial safety briefi	ng prepared for e	each s	ite									
				Attachments	ts/Appendices								
Attac	hment			Filename									
ICS20 24MA	08 SSP On Water	Operations Brand	ch	FormPDF.pdf									
ICS 2	08 - Site Safety P	lan			Pre	epared By Safe	ety Offic	er, Updated 03/24/20	019 23:44 UTC -6:00 рр				
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